|   | Index of Claims |          |                          |                     |          |          |          |               |          |          |          |    |               |          | Ap        | Application/Control No. |              |                        |           |              |              |          |          |                      |            | Applicant(s)/Patent under Reexamination |              |              |         |              |              |                 |           |  |
|---|-----------------|----------|--------------------------|---------------------|----------|----------|----------|---------------|----------|----------|----------|----|---------------|----------|-----------|-------------------------|--------------|------------------------|-----------|--------------|--------------|----------|----------|----------------------|------------|---|--------------|--------------|---------|--------------|--------------|-----------------|-----------|--|
|   |                 |          |                          |                     |          |          |          |               |          |          |          | Ш  |               |          |           |                         | 10           | )/08                   | 38.       | 13           | 4            |          |          | •                    | JI ET AL.  |   |              |              |         |              |              |                 |           |  |
|   |                 |          |                          |                     |          |          |          |               |          |          |          |    |               |          |           | ı                       |              | 10/088,134<br>Examiner |           |              |              |          |          |                      |            |   |              | Art Unit     |         |              |              |                 |           |  |
|   |                 |          |                          |                     |          |          |          |               |          |          |          |    |               |          |           |                         | Th           | Theresa T. Snider      |           |              |              |          |          |                      |            |   | 1744         |              |         |              |              |                 |           |  |
|   | √ Rejected      |          |                          |                     |          |          |          |               |          |          |          | (T | hrough numera |          |           |                         | al)          |                        |           | N            | Non-Electe   |          |          | ted                  |            | A                                       | Appeal       |              |         |              |              |                 |           |  |
|   | =               |          |                          |                     |          |          | d        |               |          | ÷        |          |    |               |          |           |                         | ┨            | f                      | 1         | Interference |              |          | nce      |                      | 0          |   |              |              |         |              |              |                 |           |  |
| r |                 |          |                          |                     | ]        |          |          |               |          |          |          |    |               |          | L         | _\                      |              |                        |           |              |              |          |          |                      |            |   | _            |              |         |              |              |                 |           |  |
| } | Cla             |          |                          | _[                  | Date     | e        | _        | $\overline{}$ | $\dashv$ |          | Cla      |    |               |          | D:        | ate                     | _            |                        |           |              | Cla          | Claim    |          | Date                 |            |   | te           | <del>-</del> |         | _            |              |                 |           |  |
|   | Final           | Original | 11/22/05                 |                     |          |          |          |               |          |          |          |    | Final         | Original |           |                         |              |                        |           |              |              |          |          | Final                | Original   |   |              |              |         |              |              |                 |           |  |
| ŀ |                 | 1        | V                        | _                   |          | H        | -        | ┢             | -        | $\vdash$ |          |    |               | 51       | $\vdash$  | ᅱ                       | +            | $\dashv$               | $\dashv$  | $\dashv$     | $\dashv$     | $\dashv$ | -        | -                    | 101        | H                                       | $\dashv$     | $\dashv$     | +       | +            | $\vdash$     | Н               | $\dashv$  |  |
|   |                 | 2        | $\overline{\mathcal{L}}$ |                     |          |          |          |               |          |          |          |    |               | 52       |           |                         | 1            |                        |           | 1            | 1            |          |          |                      | 102        |   | 1            | 1            | 1       |              |              |                 |           |  |
| } |                 | 3        | do                       |                     |          |          |          | ⊢             |          | $\vdash$ | $\dashv$ |    |               | 53<br>54 | $\vdash$  | $\dashv$                | $\dashv$     | +                      | $\dashv$  | +            | $\dashv$     | +        | -        | -                    | 103        |   | $\dashv$     | -            | +       | +            | $\vdash$     | Н               | -         |  |
|   |                 |          | ŏ                        |                     |          |          |          |               |          |          |          |    |               | 55       |           |                         |              | 1                      | $\dagger$ | _            | $\exists$    | $\top$   |          |                      | 105        |   |              |              | $\top$  | +            |              |                 | $\dashv$  |  |
|   |                 | 6        | 0                        |                     | _        |          |          |               |          |          | _        |    |               | 56       |           | $\dashv$                | _            | _                      | _         |              | _            |          |          |                      | 106        |   | $\Box$       | $\perp$      | T       |              | L            |                 |           |  |
| } |                 | 7<br>8   | 00                       | H                   |          | H        | -        | -             | -        |          | $\dashv$ |    |               | 57<br>58 | H         | $\dashv$                | $\dashv$     | +                      | $\dashv$  | +            | $\dashv$     |          | $\dashv$ |                      | 107<br>108 | $\vdash$                                | -            | +            | +       | +            | ╁            | $\vdash$        | -         |  |
| l |                 | ø        | 0                        |                     |          |          |          |               |          |          |          |    |               | 59       | Н         | $\dashv$                | $\dashv$     | +                      | ┪         | $\dashv$     | $\dagger$    | $\top$   | 1        |                      | 109        | $\vdash$                                | 7            |              | +       | +            | $\vdash$     | Н               | $\dashv$  |  |
|   |                 |          | 0                        |                     |          |          |          |               | _        |          |          |    |               | 60       |           |                         |              |                        | $\Box$    | $\Box$       |              |          |          |                      | 110        |   |              |              | $\perp$ |              |              |                 |           |  |
| } |                 | 11<br>12 | 00                       |                     |          |          |          |               | $\vdash$ | _        | $\dashv$ |    |               | 61<br>62 |           | $\dashv$                | $\dashv$     |                        | +         | 4            | $\dashv$     | -        | -        |                      | 111<br>112 | ${\mathbb H}$                           | +            | +            | +       | ╄            | -            | $\vdash$        | $\dashv$  |  |
| Ì |                 | 13       | 0                        | _                   | _        | _        |          |               |          |          | ᅥ        |    | _             | 63       |           | $\dashv$                | +            | $\dashv$               | 1         | +            | +            | +        | ┪        |                      | 113        | Н                                       | $\dashv$     | +            | +       | ╁            |              | $\vdash$        | $\dashv$  |  |
| ļ |                 | 14       | (                        |                     |          |          |          |               |          |          |          |    |               | 64       |           |                         | 1            |                        | 1         | $\perp$      |              |          |          |                      | 114        |   |              |              |         |              |              |                 | ╛         |  |
|   |                 | 15<br>16 | o(                       | Ш                   |          |          |          |               | <u> </u> | _        |          |    |               | 65       | $\sqcup$  |                         | _            | _                      | 4         | 4            | 4            | 4        | 4        |                      | 115        | $\sqcup$                                | 4            | $\perp$      | $\perp$ | 1            | _            |                 | _         |  |
|   |                 | 17       | 00                       | Н                   |          | _        | H        |               | _        |          | $\dashv$ |    |               | 66<br>67 | $\vdash$  | $\dashv$                | +            | -                      | +         | +            | +            | +        | -        | -                    | 116<br>117 | $\square$                               | $\dashv$     | $\dashv$     | +       | +            |              | Н               | $\dashv$  |  |
| Ì |                 | 18       | Ö                        | Н                   |          |          |          |               |          |          | ᅦ        |    |               | 68       |           | $\dashv$                | $\dashv$     | $\dashv$               | +         | $\dashv$     | $\dagger$    | $\top$   | 1        |                      | 118        | $\vdash$                                | +            | +            | +       | +            |              | Н               | ᅱ         |  |
| [ |                 | 19       | S                        |                     |          |          |          |               |          |          | $\Box$   |    |               | 69       |           |                         | 丁            |                        |           |              |              |          |          |                      | 119        |   | I            |              |         |              |              |                 | ╛         |  |
| - |                 | 20       | 0                        |                     |          |          |          | <u> </u>      | _        |          | $\dashv$ |    |               | 70       |           |                         | 4            | _ _                    | 4         | 4            | 4            | $\perp$  | 4        |                      | 120        |   | 4            | _            | 1       | _            | _            | Ш               | _         |  |
| - |                 | 22       | Qo                       |                     |          |          | H        | ┝             | -        | Н        | $\dashv$ |    |               | 71<br>72 | H         | $\dashv$                | $\dashv$     | +                      | +         | $\dashv$     | +            | +        | -        |                      | 121<br>122 | $\vdash$                                | -            |              | - -     | +            | $\vdash$     | Н               |           |  |
| 1 |                 | 23       | 0                        |                     |          |          | $\vdash$ |               |          |          | $\dashv$ |    |               | 73       | -         | _                       | $\dashv$     | $\top$                 | $\dagger$ | +            | +            | ╅        | 4        |                      | 123        |   | +            |              |         | ╁            | $\vdash$     | Н               | $\dashv$  |  |
| Ī |                 | 24       |                          |                     |          |          |          |               |          |          |          |    |               | 74       |           |                         |              |                        | I         |              |              |          |          |                      | 124        |   |              |              |         |              |              |                 |           |  |
| } |                 | 25<br>26 |                          | Н                   | _        |          | _        |               |          |          |          |    |               | 75       | <u> </u>  | _                       | -            | _                      | +         | 4            | 4            | $\bot$   | 4        |                      | 125        |   |              | _            | 4       | _            | <u> </u>     | $\square$       |           |  |
| ŀ |                 | 27       | _                        | H                   |          |          |          | ┝             | -        | Н        | -        |    |               | 76<br>77 | $\vdash$  | $\dashv$                |              | +                      | +         | +            | +            | +        | ┥        |                      | 126<br>127 | $\vdash$                                | $\dashv$     | -            | +       | +            | ├            | $\vdash$        | $\dashv$  |  |
| į | _               | 28       |                          |                     |          |          | -        | _             |          |          | _        |    |               | 78       | H         | 1                       | +            | $^{+}$                 | $\dagger$ | $\forall$    | $\dashv$     | +        | ┪        |                      | 128        | $\vdash$                                | +            |              |         | +            | +-           | Н               |           |  |
|   |                 | 29       |                          |                     |          |          |          |               |          |          |          |    |               | 79       |           |                         | $\Box$       |                        | 1         | $\Box$       |              |          |          |                      | 129        |   |              |              |         |              |              |                 |           |  |
| ŀ |                 | 30<br>31 | _                        | $\vdash$            | _        |          |          | ┡             | -        |          |          |    |               | 80<br>81 | <b>  </b> | $\dashv$                | +            | -                      | 4         | $\dashv$     | +            | +        | 4        |                      | 130        | $\sqcup$                                | 4            | 4            | _       | 4            | ₩            | $\vdash$        |           |  |
| ŀ |                 | 32       |                          | $\vdash$            |          | _        |          | -             | -        | -        | -        |    |               | 82       | -         | $\dashv$                | +            | +                      | +         | $\dashv$     | ╅            | +        | +        | $\vdash$             | 131<br>132 | $\vdash$                                | $\dashv$     |              |         | ╅            | $\vdash$     | $\vdash$        |           |  |
| [ |                 | 33       |                          |                     |          |          |          |               |          |          |          |    |               | 83       |           |                         | $\top$       | _                      | 十         | $\dashv$     | $\forall$    | _        | ┪        |                      | 133        |   | ┪            | $\top$       | 1       | +            | $\vdash$     | $\Box$          | $\exists$ |  |
|   |                 | 34       |                          |                     |          |          |          |               |          | Щ        | $\Box$   |    |               | 84       |           | $\Box$                  | $\Box$       |                        | $\Box$    | $\Box$       |              | $\perp$  |          |                      | 134        |   | 1            |              |         |              |              |                 |           |  |
| ŀ |                 | 35<br>36 | _                        | $\vdash$            | $\dashv$ | _        | -        | -             | $\vdash$ | $\dashv$ |          |    |               | 85<br>86 | $\vdash$  | $\dashv$                | +            | +                      | +         | +            | 4            | +        | 4        |                      | 135<br>136 | $\sqcup$                                | $\dashv$     |              | +       | +            |              | $\vdash$        | _         |  |
| Ì |                 | 37       |                          | $\vdash$            | $\neg$   |          |          | Ι-            |          |          | $\dashv$ |    | -             | 87       | Н         | -                       | +            | +                      | +         | +            | $\dashv$     | +        | ┨        |                      | 137        | $\dashv$                                | +            | ╁            | +       | +            | H            | Н               | ᅱ         |  |
| Ī |                 | 38       |                          |                     |          |          |          |               |          |          |          | į  |               | 88       |           |                         |              |                        |           |              |              |          | J        |                      | 138        |   |              |              |         |              |              |                 | $\exists$ |  |
|   |                 | 39       |                          |                     | _        |          | $\vdash$ | _             | _        | $\sqcup$ | $\dashv$ |    |               | 89       | П         | 4                       | $\downarrow$ | $\bot$                 | $\perp$   | 4            | 7            | $\perp$  | 4        |                      | 139        |   | $\Box$       | $\bot$       | $\bot$  |              |              | П               | $\Box$    |  |
| } |                 | 40<br>41 |                          | $\vdash$            | $\dashv$ |          | H        | H             | -        | $\dashv$ | $\dashv$ |    |               | 90       | $\vdash$  | $\dashv$                | $\dashv$     | $\dashv$               | +         | +            | +            | +        | -        | $\vdash$             | 140<br>141 | $\vdash \vdash$                         | $\dashv$     | +            | +       | +            | <del> </del> | $\vdash \vdash$ | $\dashv$  |  |
| ŀ |                 | 42       |                          | $\vdash$            |          | $\dashv$ | Н        |               | $\vdash$ |          | $\dashv$ |    |               | 92       | $\vdash$  | $\dashv$                | +            | +                      | +         | +            | $\dashv$     | $\dashv$ | $\dashv$ | $\vdash$             | 142        | $\vdash$                                | $\dashv$     | +            | +       | +            | $\vdash$     | $\vdash \vdash$ | $\dashv$  |  |
|   |                 | 43       |                          |                     |          |          |          |               |          |          |          |    |               | 93       |           |                         | 1            |                        |           |              | 丁            |          |          |                      | 143        |   | 亅            |              | 士       | 工            |              |                 | $\exists$ |  |
| } |                 | 44       | _                        | $\vdash \downarrow$ |          |          | Ш        |               | L        |          | 4        |    |               | 94       | Ш         | $\downarrow$            | 4            | _                      | 4         | $\bot$       | $\downarrow$ |          | 4        |                      | 144        | $\Box$                                  | $\downarrow$ | $\bot$       | $\perp$ | $oxed{\Box}$ | 匚            | П               | $\Box$    |  |
| } |                 | 45<br>46 | -                        | $\vdash$            | $\dashv$ | Н        | Н        | $\vdash$      | $\vdash$ | $\vdash$ | $\dashv$ |    |               | 95<br>96 | $\vdash$  | $\dashv$                | +            | +                      | +         | +            | +            | +        | $\dashv$ | $\vdash\vdash\vdash$ | 145<br>146 | $\vdash$                                | $\dashv$     |              | +       | +            | $\vdash$     | $\vdash \vdash$ | $\dashv$  |  |
| f |                 | 47       | $\exists$                | H                   | $\dashv$ | Н        | $\vdash$ | $\vdash$      | $\vdash$ |          | $\dashv$ | ı  |               | 97       | $\vdash$  | $\dashv$                | +            | +                      | +         | +            | ╁            | +        | $\dashv$ |                      | 147        | $\vdash$                                | 十            | +            | +       | ╫            |              | $\vdash$        | $\dashv$  |  |
|   |                 | 48       |                          |                     |          |          |          |               |          |          |          | ı  |               | 98       | 口         |                         |              |                        |           | 丁            | 士            |          | J        |                      | 148        |   | _†           | 丁            | $\perp$ | _            |              | $\Box$          | $\dashv$  |  |
| [ | _               | 49       |                          | $\sqcup$            |          |          |          |               |          |          | $\Box$   |    |               | 99       | П         | $\Box$                  | 工            | $\perp$                | Ţ         | $\Box$       | $\top$       |          | 7        |                      | 149        |   |              | $\Box$       | $\perp$ | $\perp$      |              | $\Box$          |           |  |

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